

June 28, 2006

ATTACHMENT 2

ACCEPTANCE TEST PROCEDURE  
FLASHER MODULE  
P/N 1600-1273  
NSN: 5954-01-294-4633

I. SCOPE

This document sets forth the procedure for acceptance testing Flasher Module, P/N 1600-1273, and NSN: 5954-01-294-4633

II. APPLICABLE DOCUMENT

1. FAA Specification: FAA-STA-013d
2. FAA Drawings (see SOW)
3. Test data form (see attachments)

III. TEST EQUIPMENT

The following test equipment or their equivalent are required and shall be set up per Fig.1 of test procedure.

EQUIPMENT REQUIRED:

Flasher Head Light Unit (Flasher lamp and Holder)  
Individual Control Cabinet (Airflow Type FA-10048/12) or equal  
Flasher tester (Airflow Type FA-10048/12) or equal  
Digital Multimeter

IV. TEST SET UP

1. Verify current equipment calibration.
2. Connect test equipment per Fig. 1
3. Connect unit under test per par. 5.1

ACCEPT/REJECT CRITERIA

The Flasher Head should flash twice per second

One skip is allowed for every 120 flashes

Two (2) or more skips during the one (1) minute operation test shall be cause for rejection.

## V. TEST PROCEDURE

1. Connect the leads of the module under test as follows:

### FLASHER MODULE LEADS

DS1 – BLACK.....	Flash head anode
DS1 – RED .....	Flash head trigger
DS1 – WHITE.....	Flash head neutral
P3 – RED.....	9AT1TB1-14, Trigger
P4 – WHITE.....	9AT1TB1-11, Neutral
P5 – BLACK.....	9AT1TB1- 16, 2kv

2. In the Individual Control Cabinet, set the toggle power switch to OFF.
3. Connect the 240 volt AC input power, neutral line, Flasher Tester cable, Flasher module and Flasher Light unit per Fig. 1
4. On the Flasher Tester panel, note that the toggle switches S2 through S5 are in the OFF position (S1 and S6 does not matter).
5. On the Flasher Tester Panel position S5, Trigger Control, to "ON" in the full up position.
6. In the Individual Control Cabinet pull out the Interlock Switch plunger and turn power switch to "ON".
7. Adjust Flasher for Medium intensity by positioning S2 and S3 to "ON".

CONDUCT TEST FOR 1MINUTE TO ENSURE FLASHER FLASHES TWICE PER SECOND (SEE ACCEPT/REJECT CRITERIA)

AFTER 1-MINUTE IN MEDIUM INTENSITY THE UNIT WILL BE TESTED IN 22 HOURS IN HIGH INTENSITY, 1 HOUR IN MEDIUM AND 1 HOUR IN LOW INTENSITY (CONTINUOUSLY). IF THE FLASHER MODULE IS FAILED (BURNED, MELTED, CAUSED THE FLASHER HEAD SKIPS FLASH MORE THAN ONE EVERY ONE MINUTE) BEFORE THIS 24 HOURS TEST, THE FLASHER MODULE SHALL BE CAUSED FOR REJECTION.

8. Test Interlock switch with VOM connected P1 and P2 of Module.
9. Verify switch is normally open
10. Verify continuity when depressed
11. Other way to test Interlock switch: Circuit is closed when switch S1 connects Interlock 1 and Interlock 2 (the circuit is open when the Flash Lamp is removed from the Flasher Light Unit)